

Serial No.: 10/664,080
Docket No.: C14-161312/NJK
NGB.297

AMENDMENTS TO THE CLAIMS

Please amend the claims as follows.

1. (Currently Amended) An electronic equipment comprising:
a display device configured to display information and including a display surface;
a touch sensor arranged on at least a part of the display surface;
a guide portion configured to protrude from a surface of the touch sensor and to fringe the surface with a line configured by one of a concave portion and a convex portion as a whole, including a fixed reference position on a surface of the touch sensor graphically identified on said display surface and located between a vertex and a center of one of said concave portion and said convex portion; and
a controller configured to control an adjustment value in accordance with a direction of a slide operation along said guide portion from the fixed reference position;
wherein said adjustment value is controlled after said fixed reference position is depressed by a touch operation.

2. (Previously Presented) The electronic equipment as claimed in claim 1, wherein the controller sets the adjustment value to a predetermined reference value when the fixed reference position is depressed.

3. (Previously Presented) The electronic equipment as claimed in claim 2,

Serial No.: 10/664,080
Docket No.: C14-161312/NJK
NGB.297

wherein the controller changes the adjustment value from the reference value when the slide operation is performed after the fixed reference position is depressed.

4. (Previously Presented) The electronic equipment as claimed in claim 1 further comprising:

a notification unit configured to provide a notification that the fixed reference position is depressed.

5. (Original) The electronic equipment as claimed in claim 1, wherein the controller controls an adjustment value of an output level of an acoustic signal.

6. (Previously Presented) The electronic equipment as claimed in claim 1, wherein said touch sensor includes one of a display function and a switch function.

7. (Previously Presented) The electronic equipment as claimed in claim 1, wherein said touch sensor arranged on said at least a part of said display surface is configured to be proximate to said guide portion.

8. (Previously Presented) The electronic equipment as claimed in claim 1, comprising:

a graphical image displayed on said display device in said surface of said touch sensor, wherein said graphical image corresponds to said fixed reference position.

Serial No.: 10/664,080
Docket No.: C14-161312/NJK
NGB.297

9. (Previously Presented) The electronic equipment as claimed in claim 8, wherein said graphical image represents an initial value in a parameter adjustment range.

10. (Previously Presented) The electronic equipment as claimed in claim 9, comprising:

second and third graphical images displayed on said display device in said surface of said touch sensor on either side of said graphical image, wherein said second and third graphical images represent one of a value to be increased and a value to be decreased from said initial value in a parameter adjustment range.

11. (Currently Amended) A method of controlling electronic equipment, a touch sensor arranged on at least a part of a display surface, a guide portion configured to protrude from a surface of said touch sensor and to fringe said surface with a line configured by either a concave portion or a convex portion as a whole, including a fixed reference position on a surface of the touch sensor graphically identified on said display surface and located between a vertex and a center of one of said concave portion and said convex portion, said method comprising:

- guiding a finger along said guide portion to said fixed reference position;
- depressing said fixed reference position to initiate control of an adjustment value; and
- receiving a contact input on said surface of said touch sensor adjacent to said fixed reference position based on guiding said finger along said guide portion ~~with respect to~~ from said fixed reference position.

Serial No.: 10/664,080
Docket No.: C14-161312/NJK
NGB.297

12. (Previously Presented) The method of controlling electronic equipment as claimed in claim 11, further comprising:

displaying a graphical image on said display device in said surface of said touch sensor, wherein said graphical image represents an initial value in a parameter adjustment range and corresponds to said fixed reference position.

13. (Previously Presented) The method of controlling electronic equipment as claimed in claim 12, further comprising:

displaying second and third graphical images displayed on said display device in said surface of said touch sensor on either side of said graphical image, wherein said second and third graphical images represent one of a value to be increased and a value to be decreased from said initial value in a parameter adjustment range.

14. (Previously Presented) The method of controlling electronic equipment as claimed in claim 11, further comprising:

receiving sliding contact input on said surface of said touch sensor adjacent to said fixed reference position; and

inputting said adjustment value to a controller based on receiving said sliding contact input.

15. (Previously Presented) The method of controlling electronic equipment as

Serial No.: 10/664,080
Docket No.: C14-161312/NJK
NGB.297

claimed in claim 14, wherein receiving sliding contact input on said surface of said touch sensor in a first direction inputs a positive adjustment value to a controller.

16. (Previously Presented) The method of controlling electronic equipment as claimed in claim 14, wherein receiving sliding contact input on said surface of said touch sensor in a second direction inputs a negative adjustment value to a controller.

17. (Previously Presented) The method of controlling electronic equipment as claimed in claim 11, further comprising:

storing a present value of an adjustment parameter in response to receiving said contact input on said surface of said touch sensor adjacent to said fixed reference position.

18. (Previously Presented) The method of controlling electronic equipment as claimed in claim 17, further comprising:

determining whether said slide operation is performed on said surface of said touch sensor.

19. (Previously Presented) The method of controlling electronic equipment as claimed in claim 18, further comprising:

adding said adjustment value to said stored present value of an adjustment parameter in response to determining whether said slide operation is performed; and

controlling an output parameter based on adding said adjustment value to said stored

Serial No.: 10/664,080
Docket No.: C14-161312/NJK
NGB.297

present value of an adjustment parameter.

20. (Currently Amended) An electronic equipment comprising:
display means for displaying information, said display means including a display surface;
touch sensor means for sensing a touch, said touch sensor means being arranged on at least a part of said display surface means;
guide means configured to protrude from a surface of said touch sensor means and to fringe the surface with a line configured by one of a concave portion and a convex portion as a whole, including a fixed reference position on a surface of the touch sensor graphically identified on said display surface and located between a vertex and a center of one of said concave portion and said convex portion; and
control means for controlling an adjustment value in accordance with a direction of a slide operation along said guide means from the fixed reference position;
wherein said adjustment value is controlled after said fixed reference position is depressed by a touch operation.

21. (Previously Presented) The electronic equipment according to claim 1, further comprising:

a storage unit which stores a current adjustment value when the fixed reference position is depressed.

22. (Previously Presented) The electronic equipment according to claim 21,

Serial No.: 10/664,080
Docket No.: C14-161312/NJK
NGB.297

further comprising:

a timer which counts a predetermined time period from a time when the fixed reference position is depressed,

wherein the controller controls the adjustment value in accordance with the slide operation starting during the predetermined time period.

23. (Previously Presented) The electronic equipment according to claim 22, wherein, when the timer finishes counting of the predetermined time period, the controller sets the adjustment value to the current adjustment value stored in the storage unit if no slide operation is performed during the predetermined time period.

24. (Previously Presented) The electronic equipment according to claim 22, wherein, when the timer finishes counting of the predetermined time period, the controller sets the adjustment value to a predetermined reference value if no slide operation is performed during the predetermined time period.